

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

12/09/2011

Jessica Noble
Assistant District Attorney, Middlesex County

Dear ADA Noble,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Kate Corbett.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Ann Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Kate Corbett was analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan
Chemist
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6622

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.
University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

- *Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.
- *Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.
- *Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.
- *Oversee the Quality Control/Quality Assurance program for the Drug Lab.
- *Maintenance and repairs of all analytical instruments.
- *Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.
- *Qualified as an expert witness in Massachusetts Courts and U.S. District Court.
- *Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.
- *Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.
- *Notary Public.

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

- *Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department for the Food and Drug Administration.
- *Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.
- *Writing, revising and reviewing Standard Operating Procedures (SOPs).
- *Trained and supervised new chemists and interns for the department.
- *Routine QC testing of products for the FDA.
- *Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.
- *Calibration, preventive maintenance, QC and QA of analytical instrumentation.
- *Complete testing of chemicals for Vendor Validation Project for the FDA.
- *Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)
GLP/GMP training with Massachusetts Biologic Laboratory.
QC/QA training according to FDA Codes and Regulations.
GC and GC/MS trainings with Agilent Technologies and Restek.
HPLC and LC/MS/MS trainings with Waters Cooperation.
FTIR training with Spectros.
TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)
Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Kate A. Corbett

Education

Bachelor of Science Degree, CHEMISTRY May 2003

MERRIMACK COLLEGE

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

Employment

Chemist II State Laboratory Institute (March 2008-Present)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

Chemist I State Laboratory Institute (2005-March 2008)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

Research Associate (September 2003 – August 2005)

SENSOR TECHNOLOGIES, INC - Shrewsbury, MA

- Prepared chemistries used in making sensor beads
- Generated and examined sensors employing fluorescence spectroscopy
- Performed protein, dye and sugar assays using UV/VIS spectrophotometry
- Carried out titrations on ricin using fluorescence correlation spectroscopy
- Statistical analysis of experimental data

Intern (March 2003 – August 2003)

MASSACHUSETTS STATE POLICE CRIME LABORATORY - Sudbury, MA

- Assisted in the gathering of case files to fulfill the National Institute of Justice's No Suspect Backlog Reduction Grant
- Observed in the Evidence, Criminalistics, DNA, Drug, Trace, Toxicology, and Bomb/Arson Units

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

6/99

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

Boston Drug Laboratory
Tel (617) 983-6622
Fax (617) 983-6625

Boston Hours
8:00 – 11:00
2:00 – 4:00

Amherst Drug Laboratory
Tel (413) 545-2601
Fax (413) 545-2608

Amherst Hours
9:00 – 12:00
1:00 – 3:00

DRUG RECEIPT

City or Department: Burlington Police Reference No.: 8013935

Name and Rank of Submitting Officer: Det. Leary

Defendant(s) Name (last, first, initial):

Vazquez, Manuel

To be completed by Submitter

Description of Items Submitted

To be completed by Lab Personnel

Gross Weight Lab Number

25 bags of white rock/powder

93.48g

Bag containing brown powder

6.23g

Received by:

AS

Date:

6-5-08

No. [REDACTED] Date Analyzed: 1/9/09
City: Burlington Police Dept.
Officer: Detective MATTHEW LEARY
Def: [REDACTED]
Amount: Subst: SUB
No. Cont: 25 Cont: pb
Date Rec'd: 09/05/2008 No. Analyzed: 8
Gross Wt.: 93.48 Net Weight: 83.82
Tests: 48/48
Prelim: cocaine (k) Findings: Cocaine • 16KAC

No. [REDACTED] Date Analyzed: 1/8/09
City: Burlington Police Dept.
Officer: Detective MATTHEW LEARY
Def: [REDACTED]
Amount: Subst: SUB
No. Cont: 1 Cont: pb
Date Rec'd: 09/05/2008 No. Analyzed:
Gross Wt.: 6.23 Net Weight: 0.19
Tests: 4/4
Prelim: Heroin Findings: Heroin • 2KAC

Sample #

samples tested: 8

#	Gross Weight	Packet Weight	Net Weight	#	Gross Weight	Packet Weight	Net Weight
1	14.2986	0.3539	13.9447	26	X =	27.8293	
2	14.4368	0.5522	13.8846	27			
3				28			
4				29			
5				30			
6				31			
7				32			
8				33			
9				34			
10	2.9715	0.1486	2.8229	35	X =	11.2377	
11	3.0544	0.2219	2.8325	36	(X) =	2.8094	
12	2.9001	0.1157	2.7844	37	18 (X) =	50.5692	
13	2.9574	0.1595	2.7979	38			
14				39			
15				40			
16				41			
17				42			
18				43			
19				44			
20				45			
21				46			
22	1.3253		1.2307	47	X =	2.1690	
23	1.6114		0.9183	48	\bar{x} =	1.0845	
24				49	$s(\bar{x})$ =	5.4225	
25				50			

Calculations:

Net wt

$$\begin{aligned}
 \text{Est Net wt} &= 27.8293 + 50.5692 + 5.4225 \\
 &= 83.821
 \end{aligned}$$

DRUG POWDER ANALYSIS FORM

SAMPLE # XXXXXXXXXX AGENCY Burlington ANALYST ADD

No. of samples tested: _____ Evidence Wt: _____

PHYSICAL DESCRIPTION: Gross Wt (): 0.7639

Beige powdered substance
1.185

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 0.4995

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (+)

Microcrystalline Tests

Gold
Chloride _____

Marquis (+)

TLTA (-)

Froehde's (+)

OTHER TESTS

Mecke's (+)

PRELIMINARY TEST RESULTS

RESULTS Heroin

DATE 12-31-08

GC/MS CONFIRMATORY TEST

RESULTS Heroin

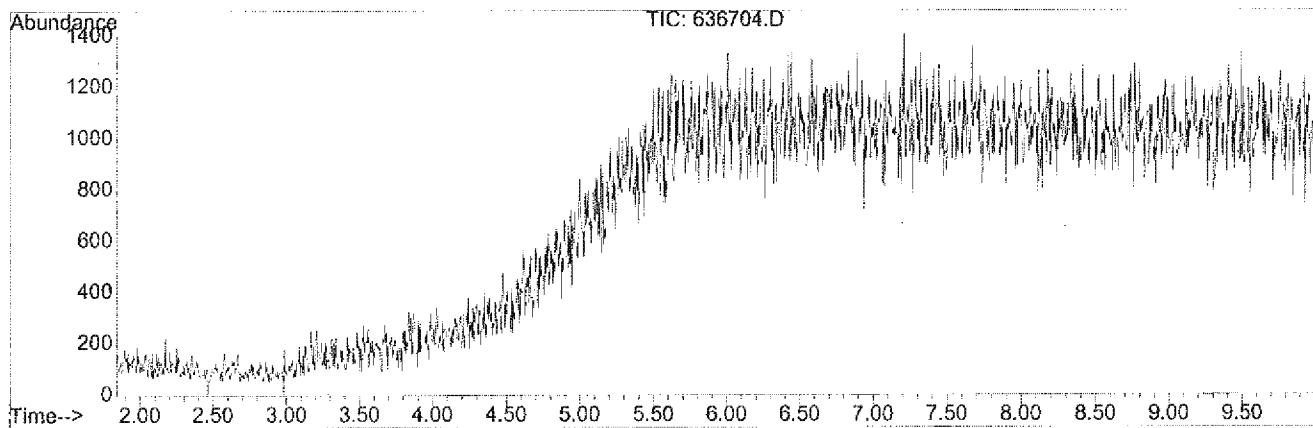
MS
OPERATOR 1-8-09 KAC

DATE 1-8-09

✓KAC
12/7/11

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636704.D
Operator : KAC
Date Acquired : 6 Jan 2009 14:53
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



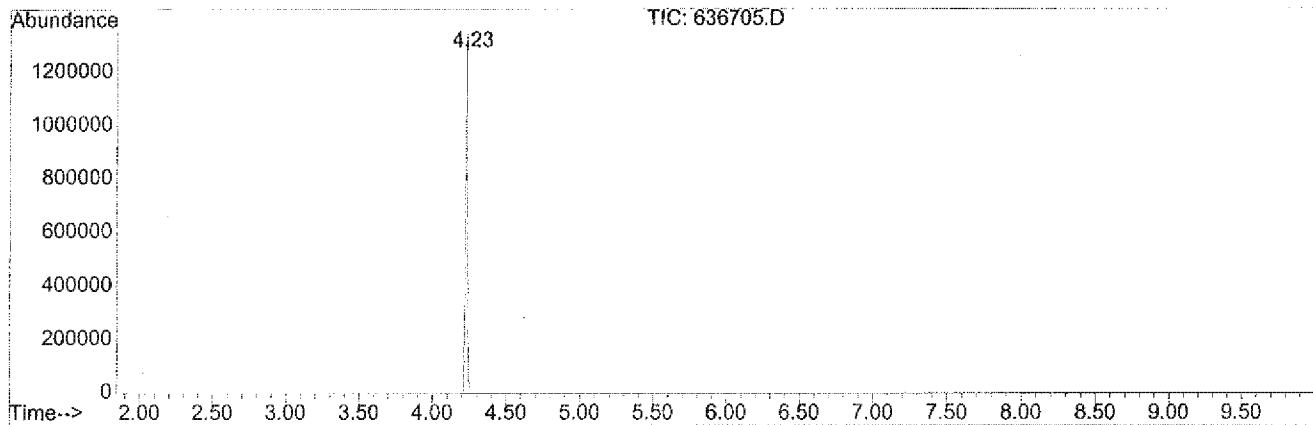
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636705.D
Operator : KAC
Date Acquired : 6 Jan 2009 15:06
Sample Name : COCAINE STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.229	1203854	100.00	100.00

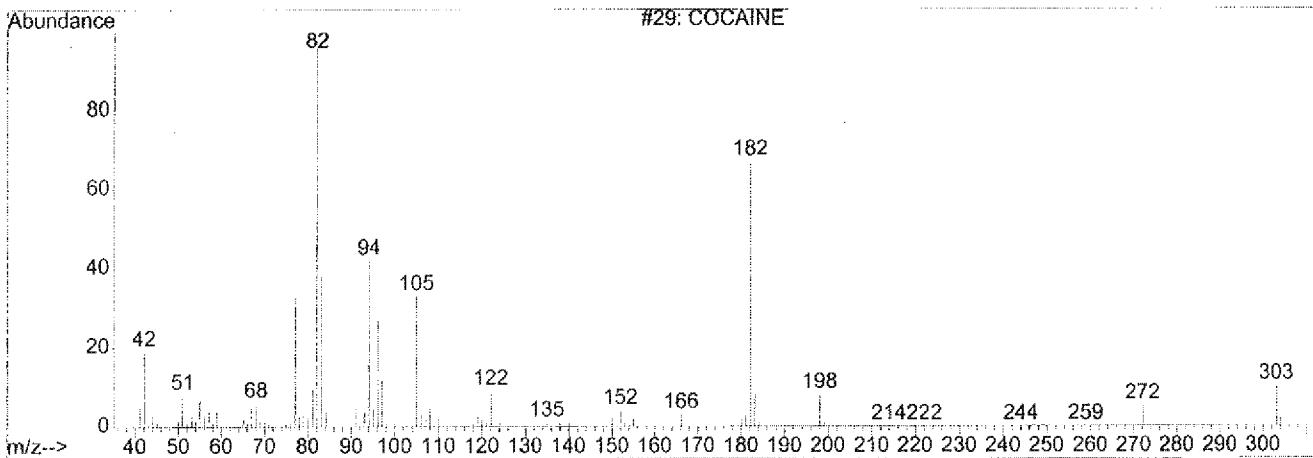
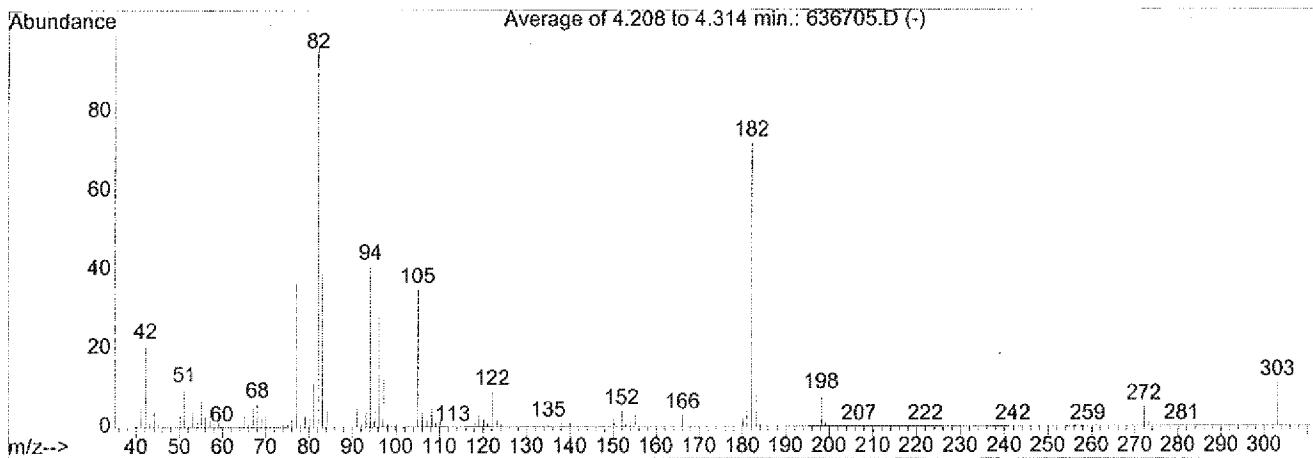
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636705.D
Operator : KAC
Date Acquired : 6 Jan 2009 15:06
Sample Name : COCAINE STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

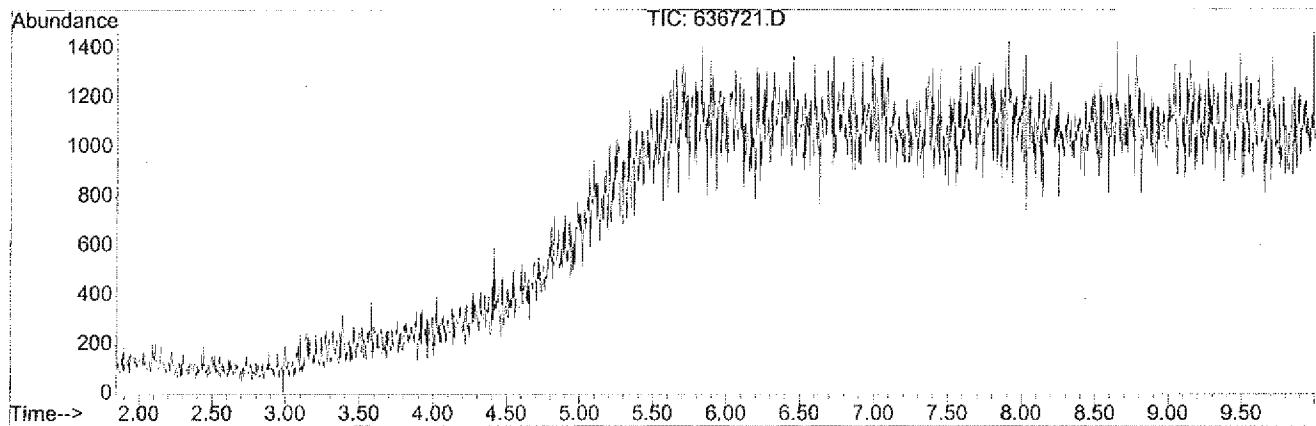
PK#	RT	Library/ID	CAS#	Qual
1	4.23	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636721.D
Operator : KAC
Date Acquired : 6 Jan 2009 18:47
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



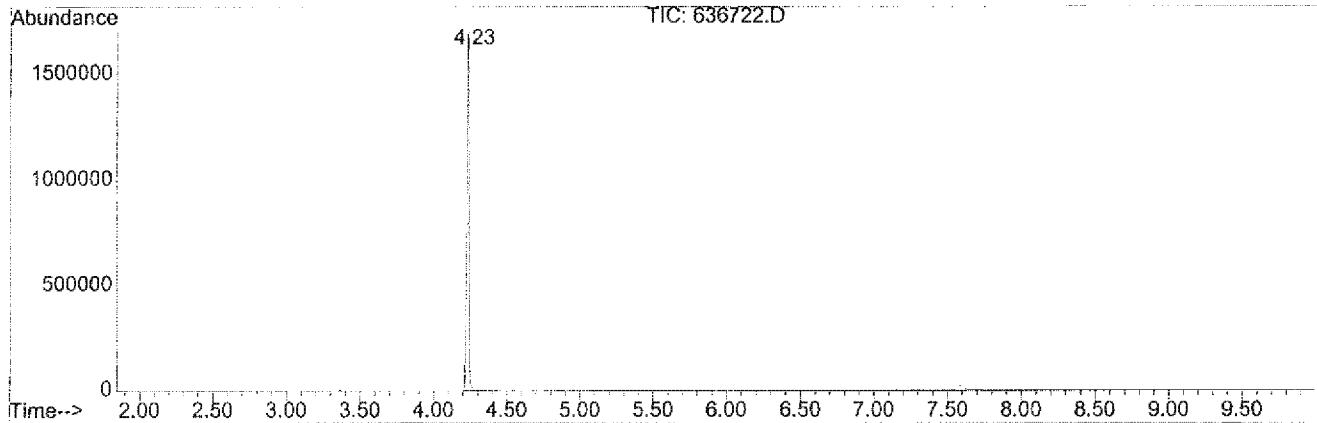
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636722.D
Operator : KAC
Date Acquired : 6 Jan 2009 19:00
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 22
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.233	1721712	100.00	100.00

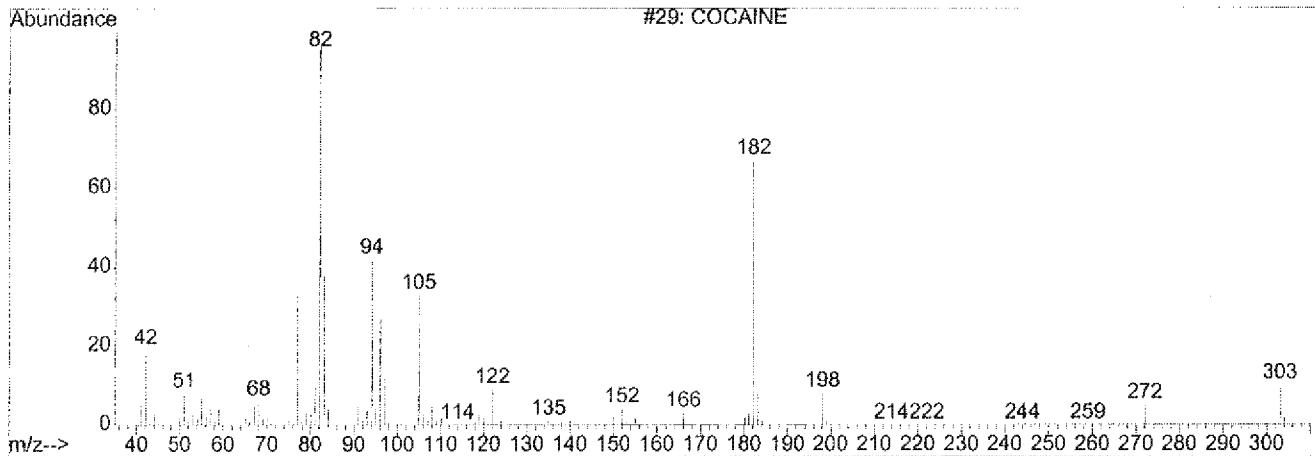
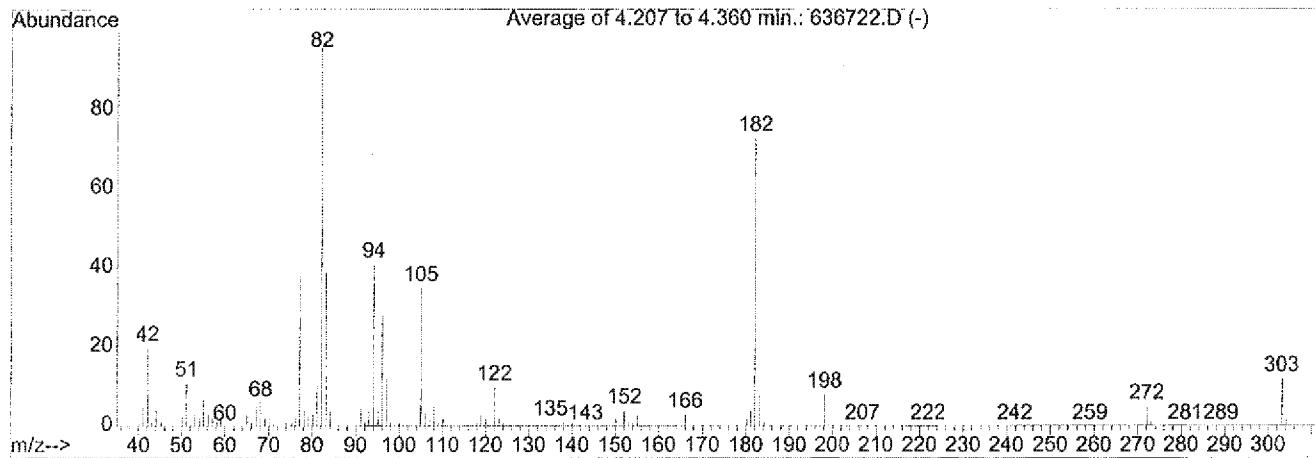
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636722.D
Operator : KAC
Date Acquired : 6 Jan 2009 19:00
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 22
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

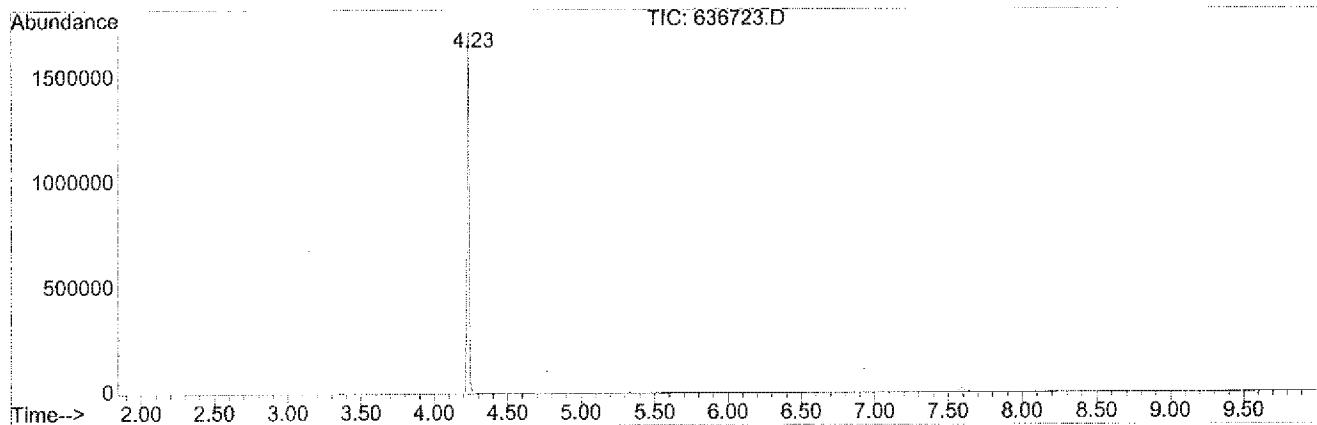
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Area Percent / Library Search Report

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File Name : F:\Q1-2009\SYSTEM4\01_06_09\636723.D
Operator : KAC
Date Acquired : 6 Jan 2009 19:14
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 23
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.229	1613947	100.00	100.00

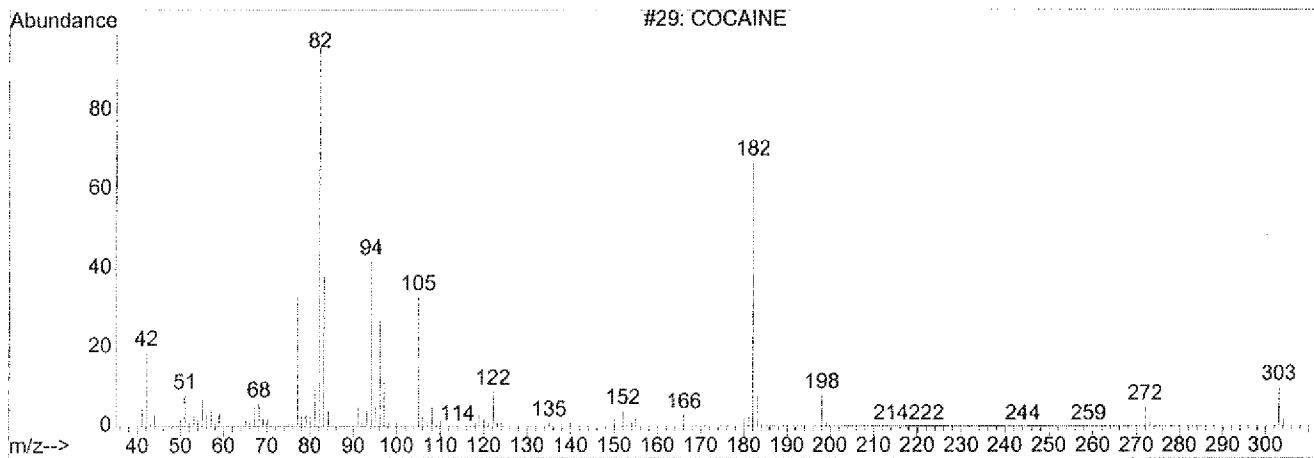
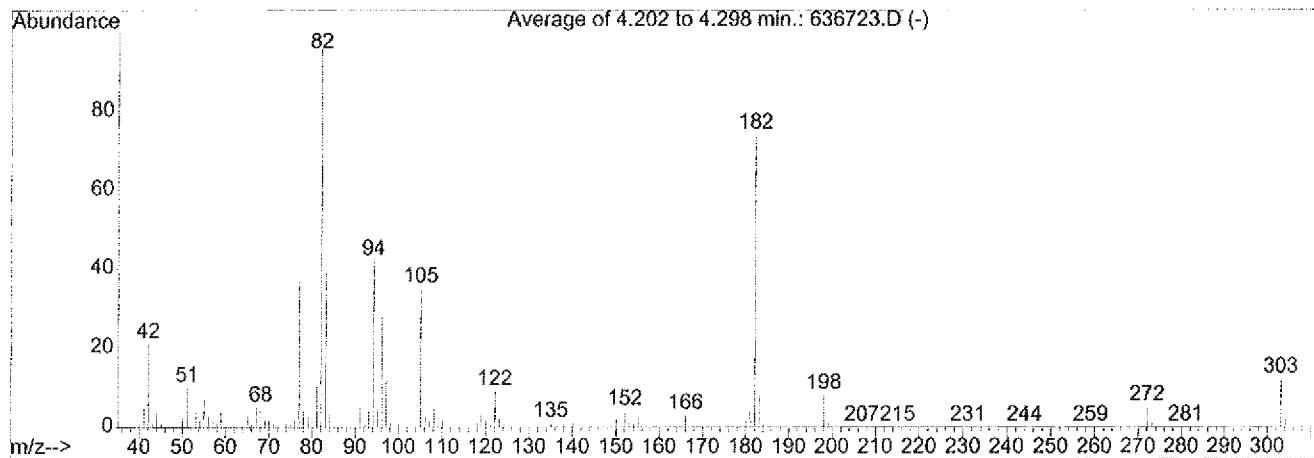
Area Percent / Library Search Report

Information from Data File:

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Operator : KAC
Date Acquired : 6 Jan 2009 19:14
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 23
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

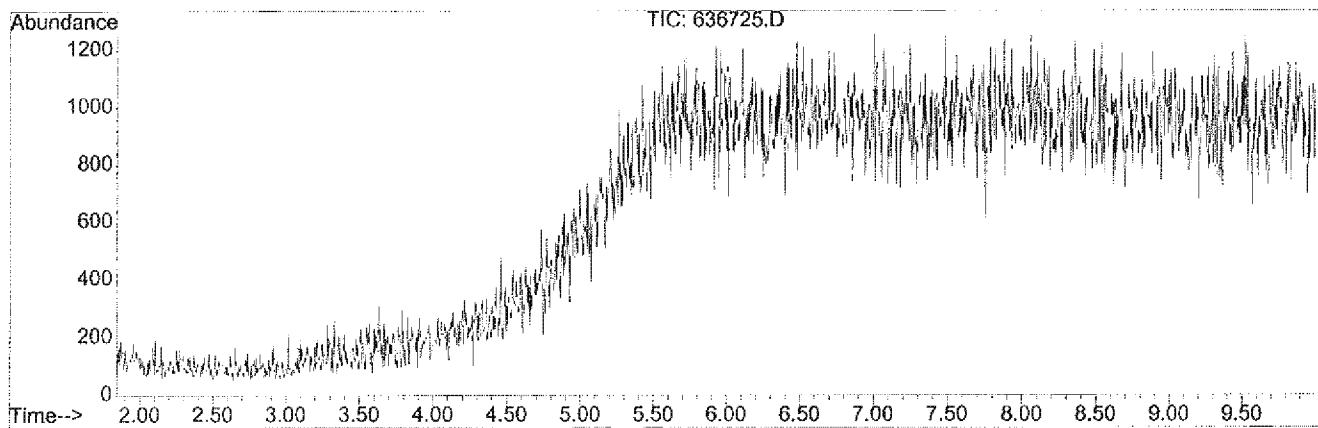
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Area Percent / Library Search Report

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File Name : F:\Q1-2009\SYSTEM4\01_06_09\636725.D
Operator : KAC
Date Acquired : 6 Jan 2009 19:41
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



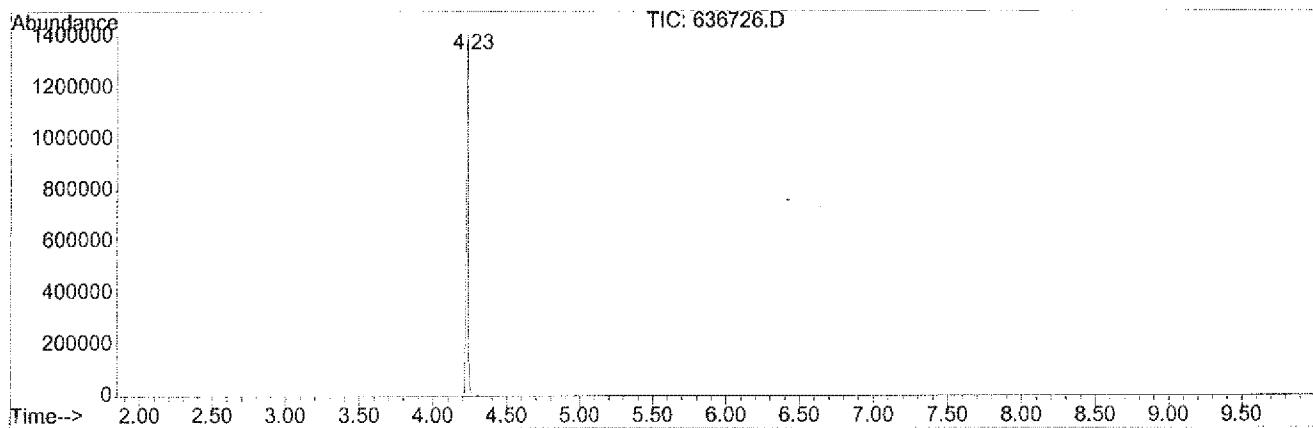
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636726.D
Operator : KAC
Date Acquired : 6 Jan 2009 19:55
Sample Name : COCAINE STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.229	1268194	100.00	100.00

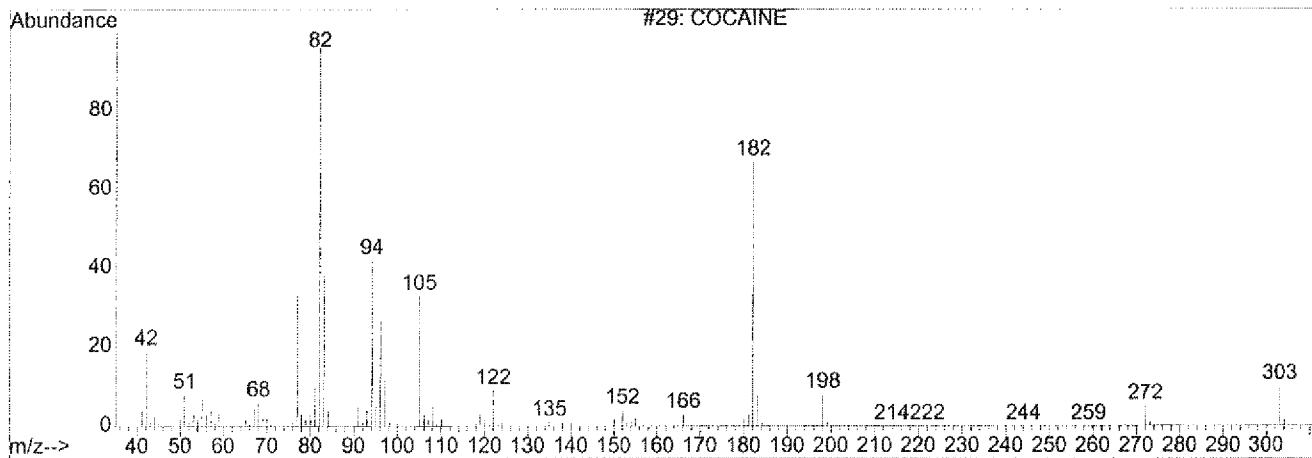
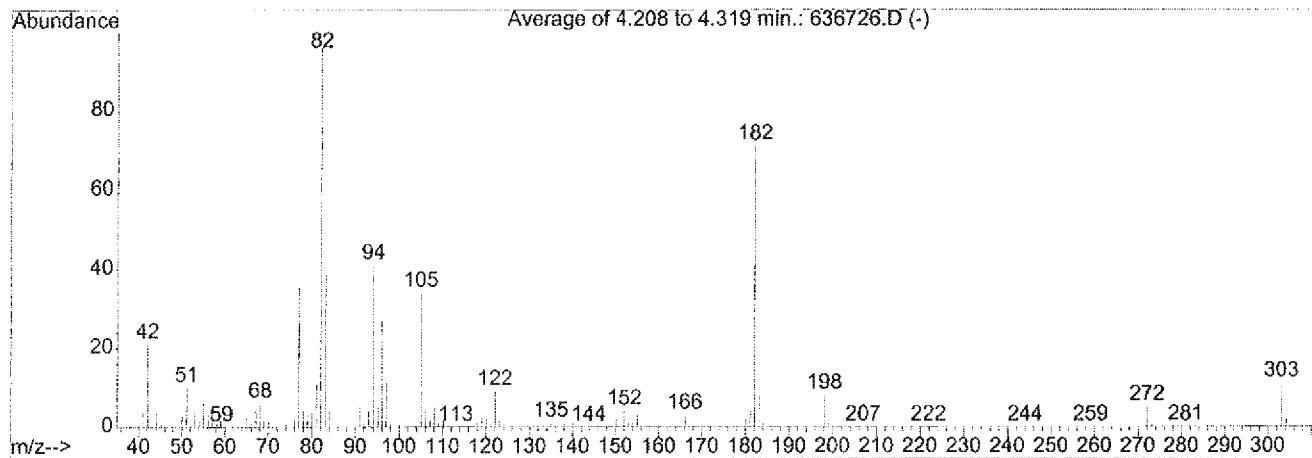
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636726.D
Operator : KAC
Date Acquired : 6 Jan 2009 19:55
Sample Name : COCAINE STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS
Integrator : RTE

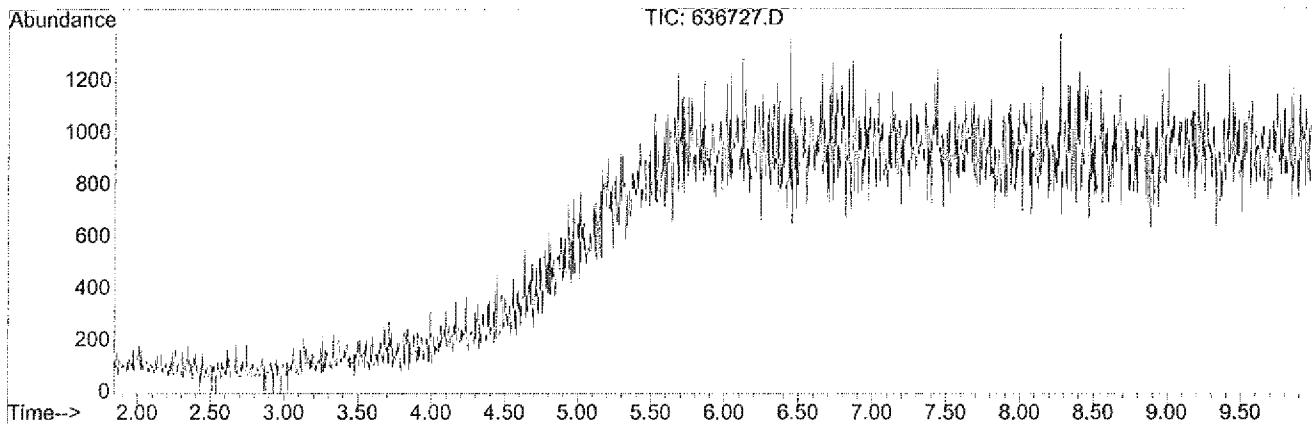
Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	4.23	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636727.D
Operator : KAC
Date Acquired : 6 Jan 2009 20:09
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



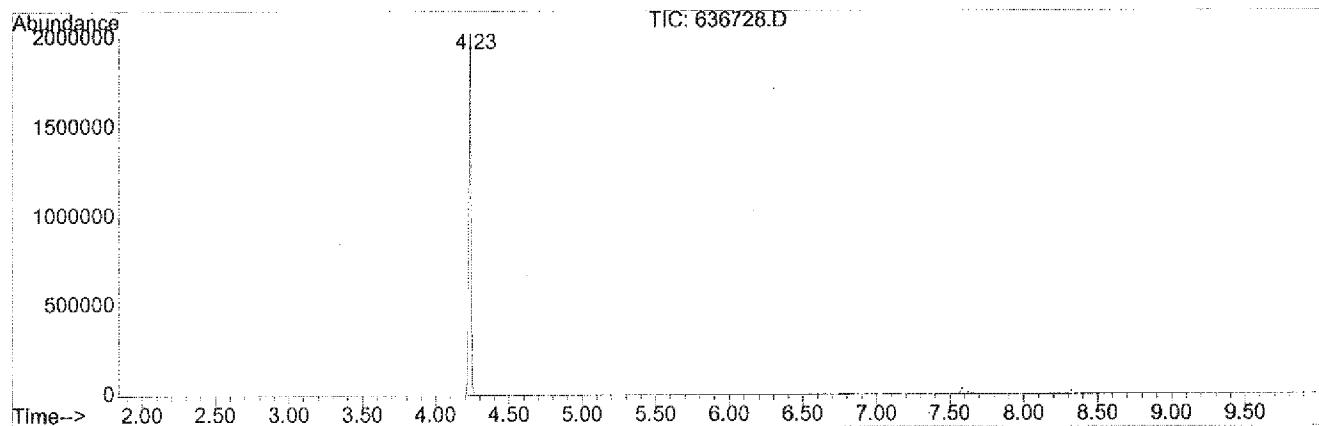
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636728.D
Operator : KAC
Date Acquired : 6 Jan 2009 20:23
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 28
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.234	2126377	100.00	100.00

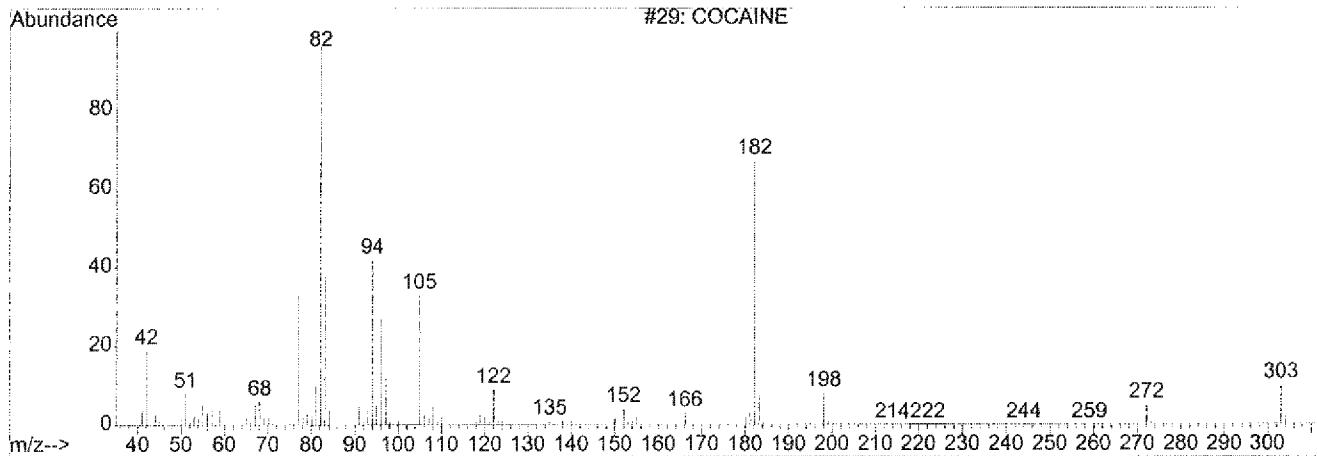
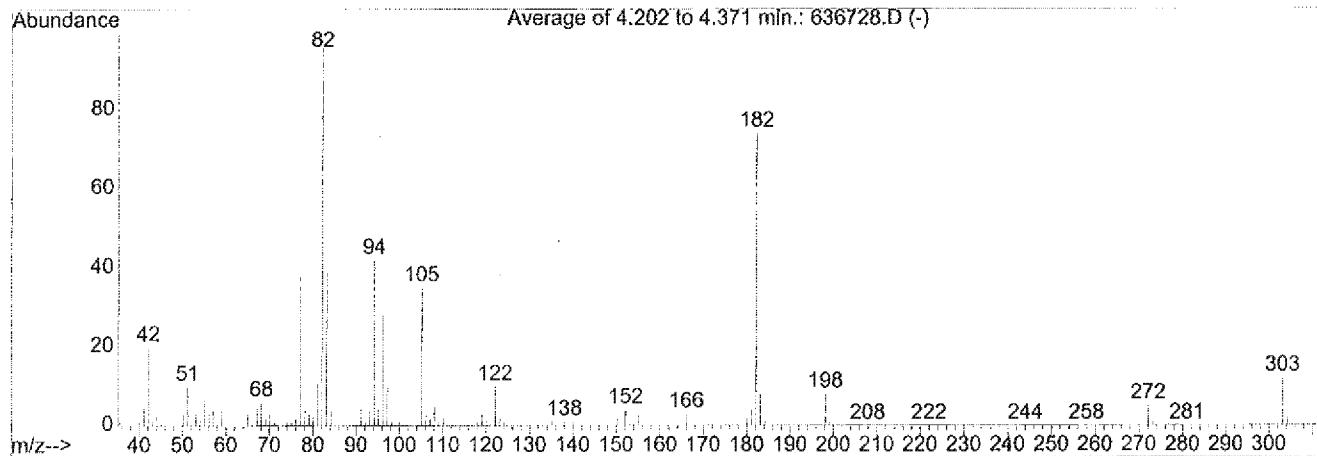
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636728.D
Operator : KAC
Date Acquired : 6 Jan 2009 20:23
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 28
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

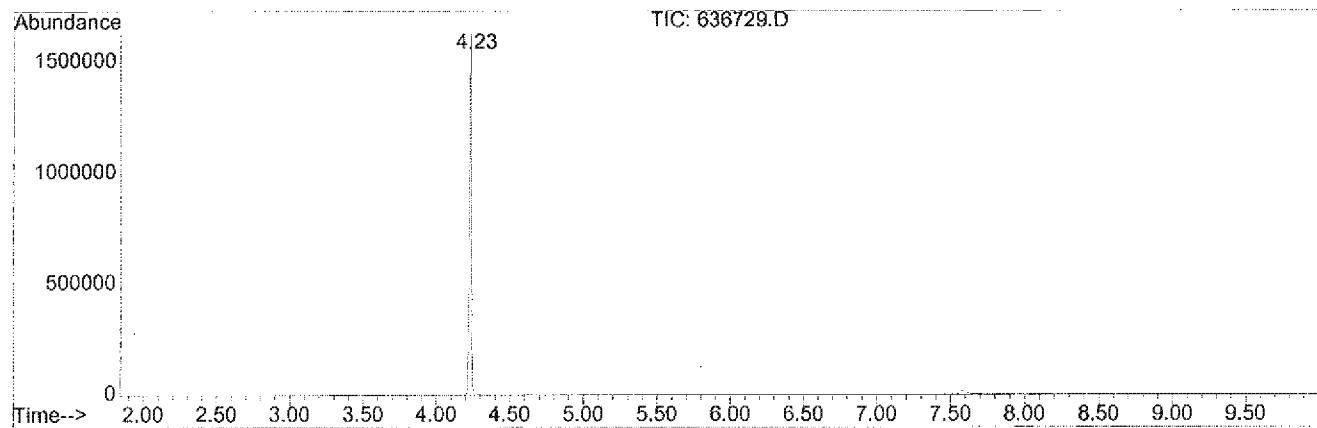
PK#	RT	Library/ID	CAS#	Qual
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Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636729.D
Operator : KAC
Date Acquired : 6 Jan 2009 20:36
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 29
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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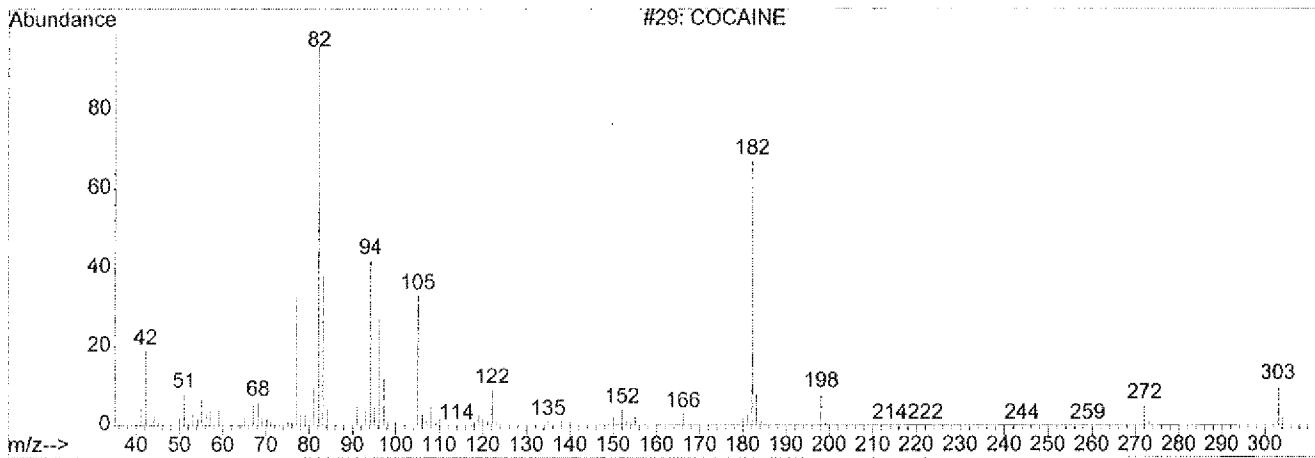
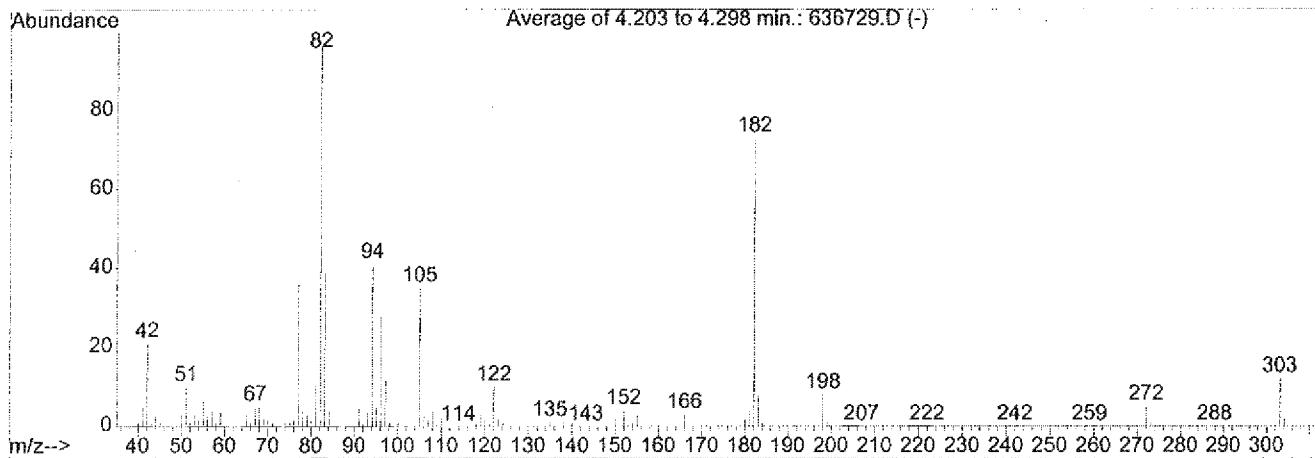
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636729.D
Operator : KAC
Date Acquired : 6 Jan 2009 20:36
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 29
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

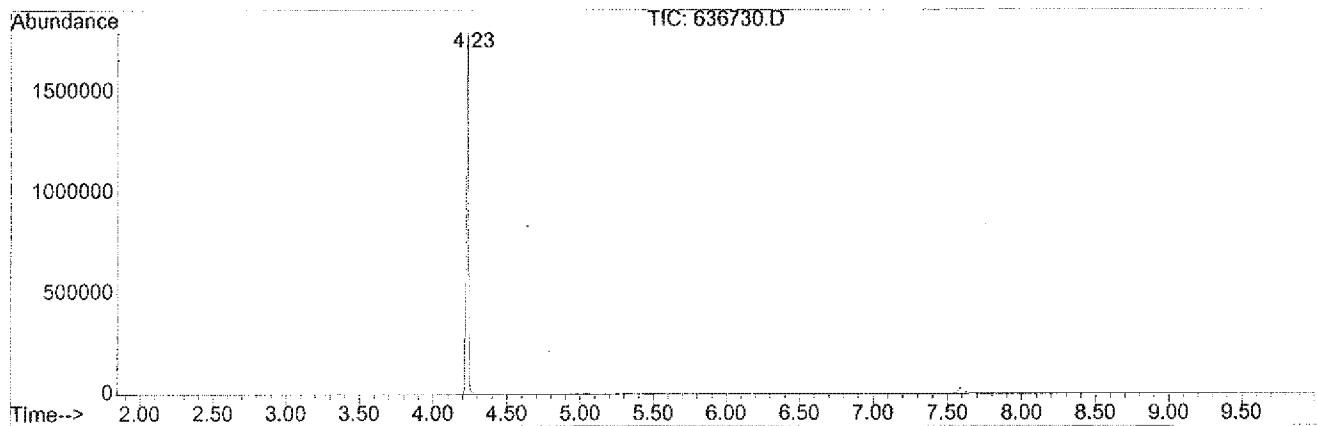
PK#	RT	Library/ID	CAS#	Qual
1	4.23	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636730.D
Operator : KAC
Date Acquired : 6 Jan 2009 20:50
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 30
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.232	1752078	100.00	100.00

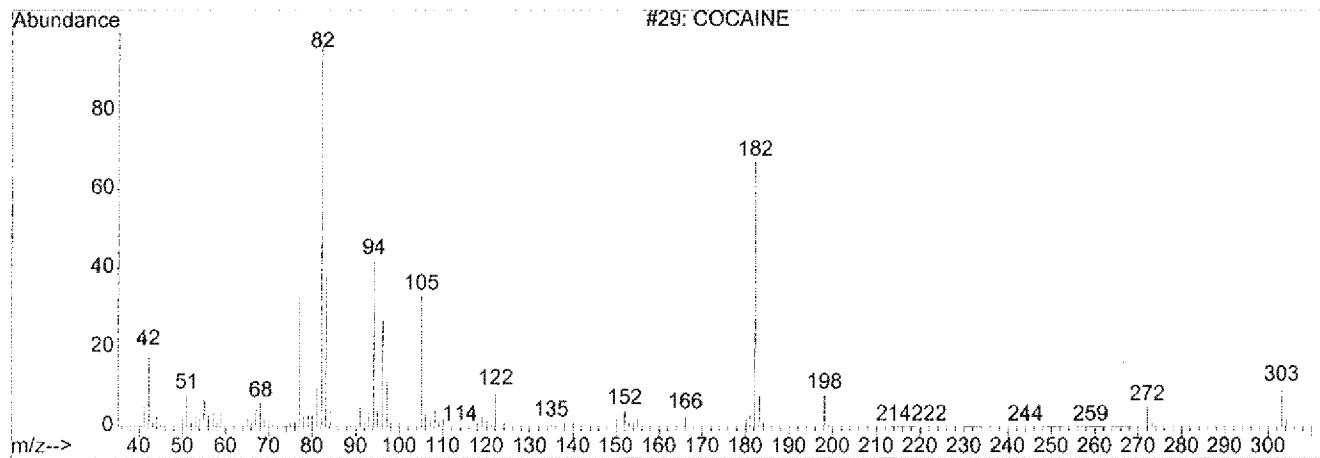
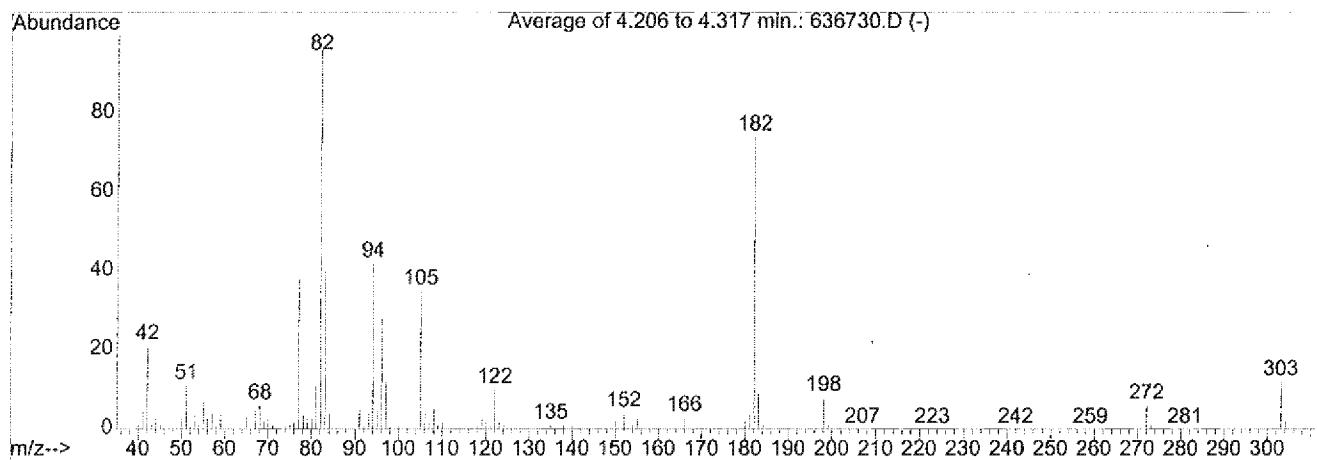
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636730.D
Operator : KAC
Date Acquired : 6 Jan 2009 20:50
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 30
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

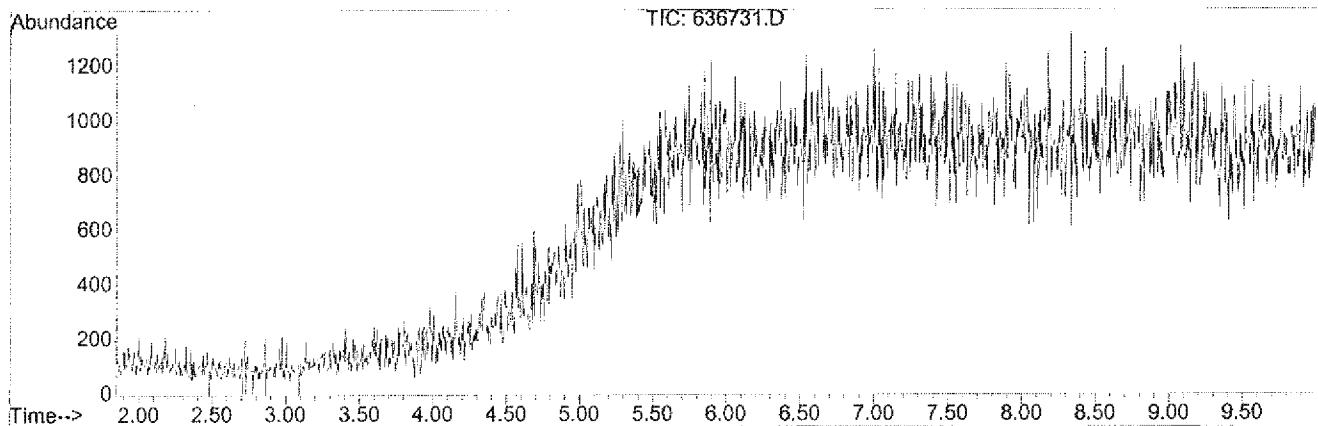
PK#	RT	Library/ID	CAS#	Qual
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Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636731.D
Operator : KAC
Date Acquired : 6 Jan 2009 21:04
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



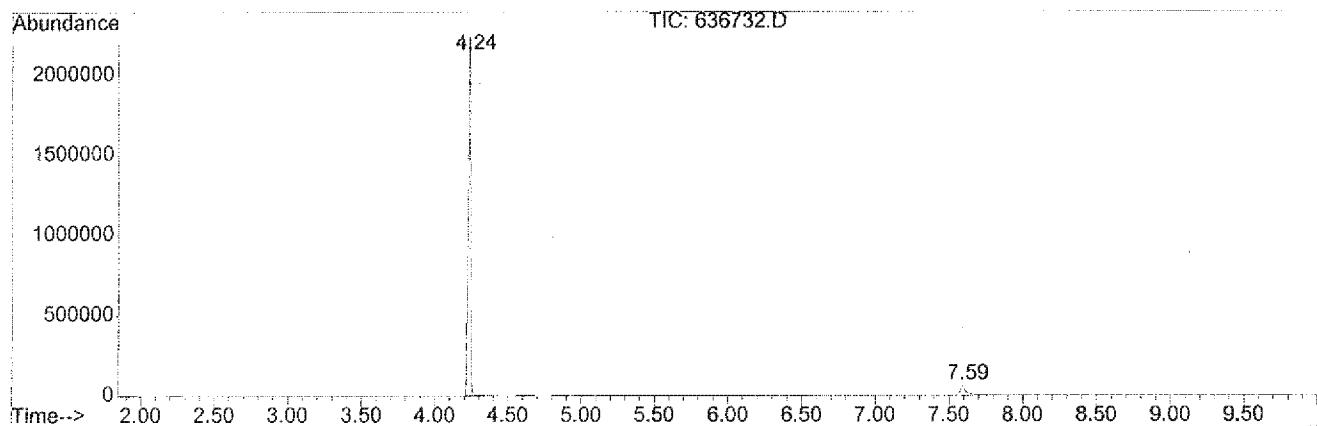
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636732.D
Operator : KAC
Date Acquired : 6 Jan 2009 21:18
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 32
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.237	2551951	94.02	100.00
7.590	162202	5.98	6.36

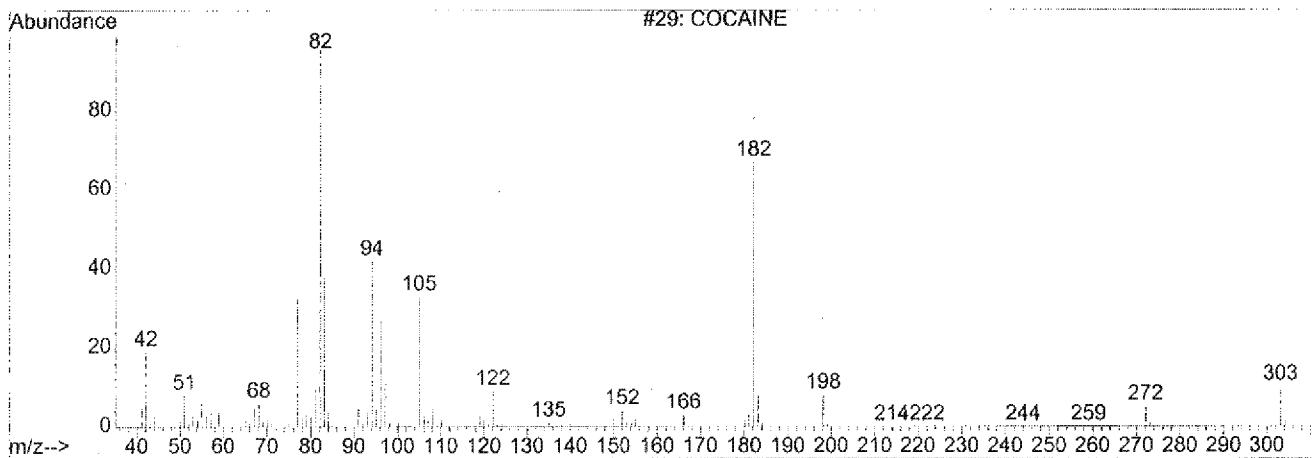
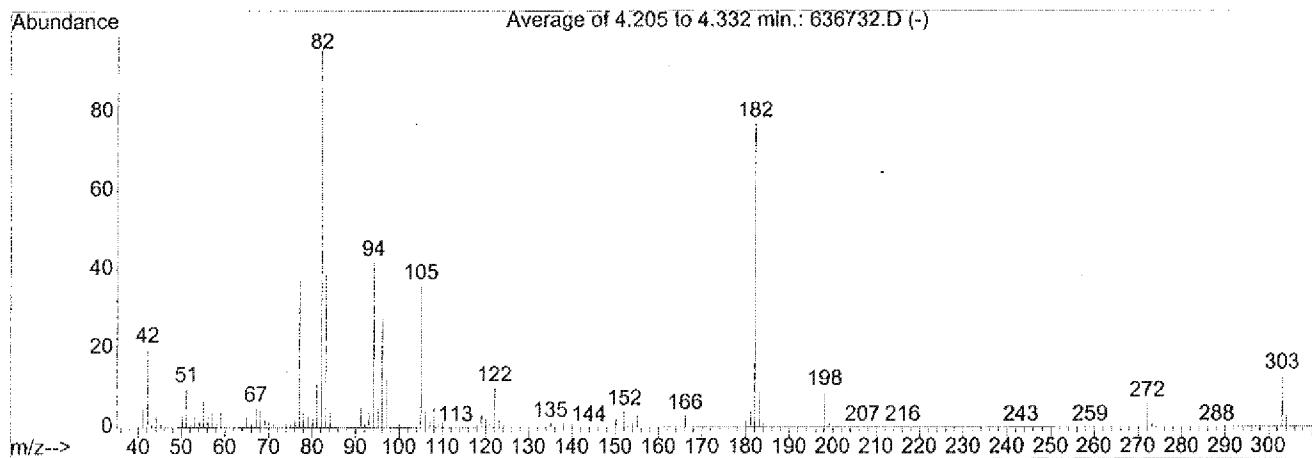
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636732.D
Operator : KAC
Date Acquired : 6 Jan 2009 21:18
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 32
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	4.24	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



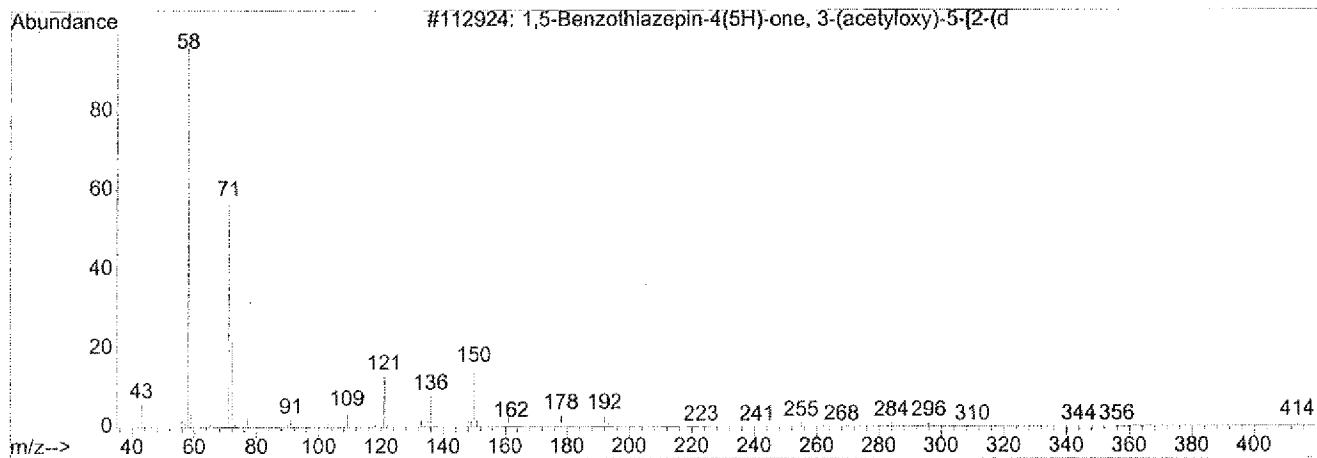
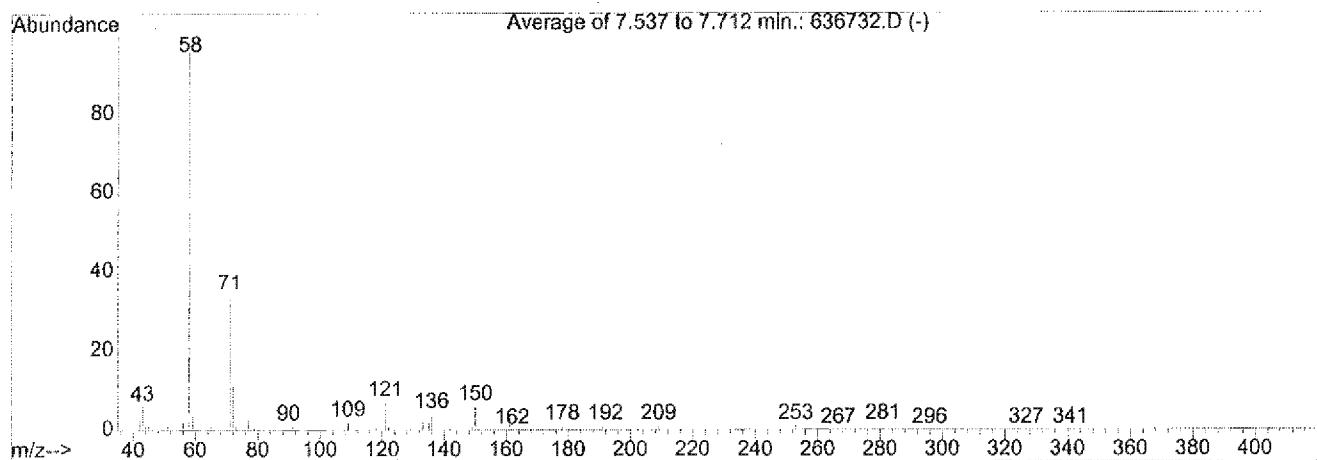
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636732.D
Operator : KAC
Date Acquired : 6 Jan 2009 21:18
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 32
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

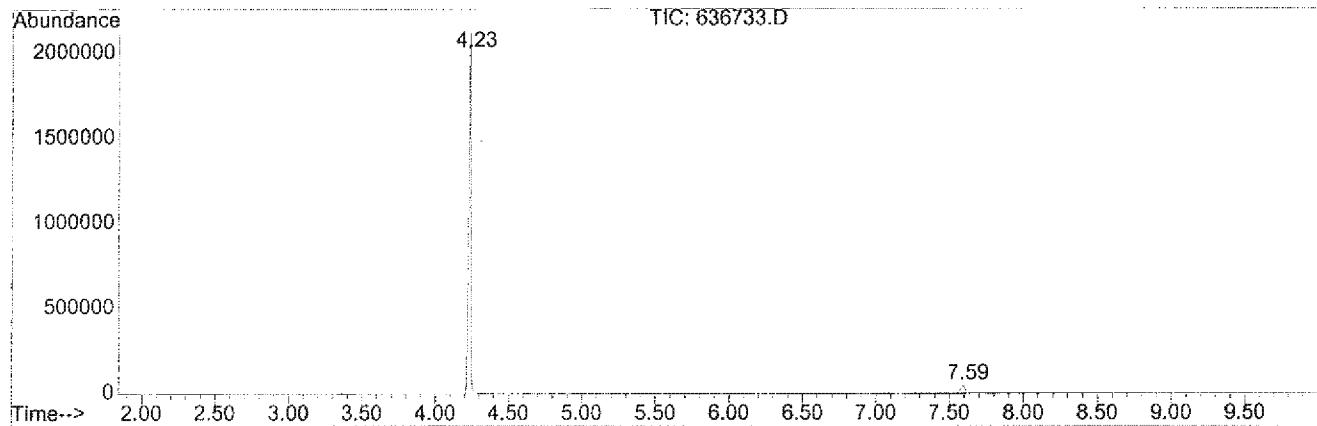
PK#	RT	Library/ID	CAS#	Qual
2	7.59	C:\DATABASE\NIST98.L		
		1,5-Benzothiazepin-4 (5H) -one, 3- (ac	042399-41-7	78
		2-Pentadecanone	002345-28-0	59
		1,5-Benzothiazepin-4 (5H) -one, 3- (ac	042399-41-7	50



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636733.D
Operator : KAC
Date Acquired : 6 Jan 2009 21:32
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 33
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.233	2175692	94.68	100.00
7.587	122249	5.32	5.62

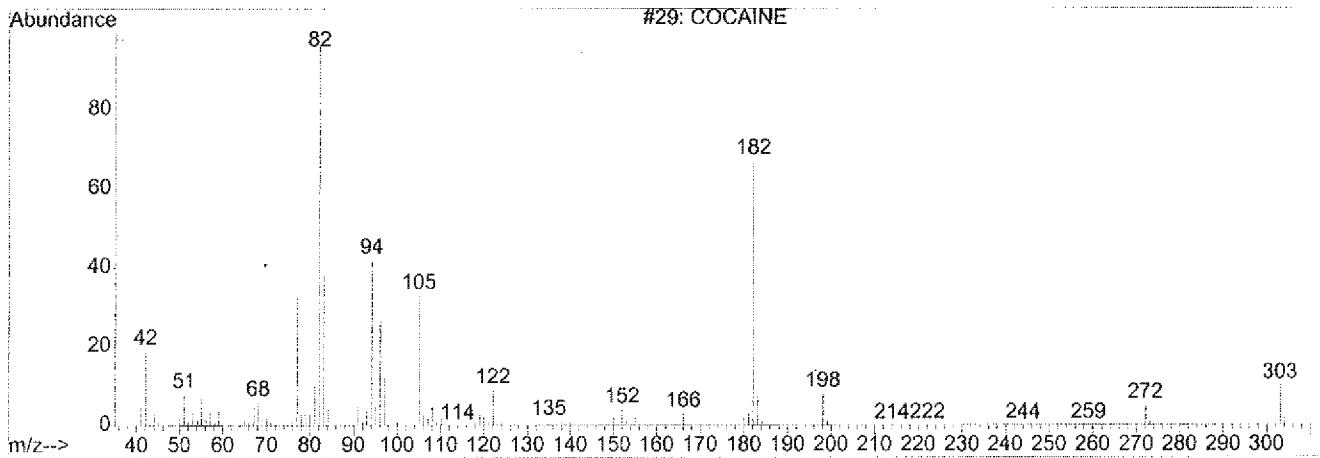
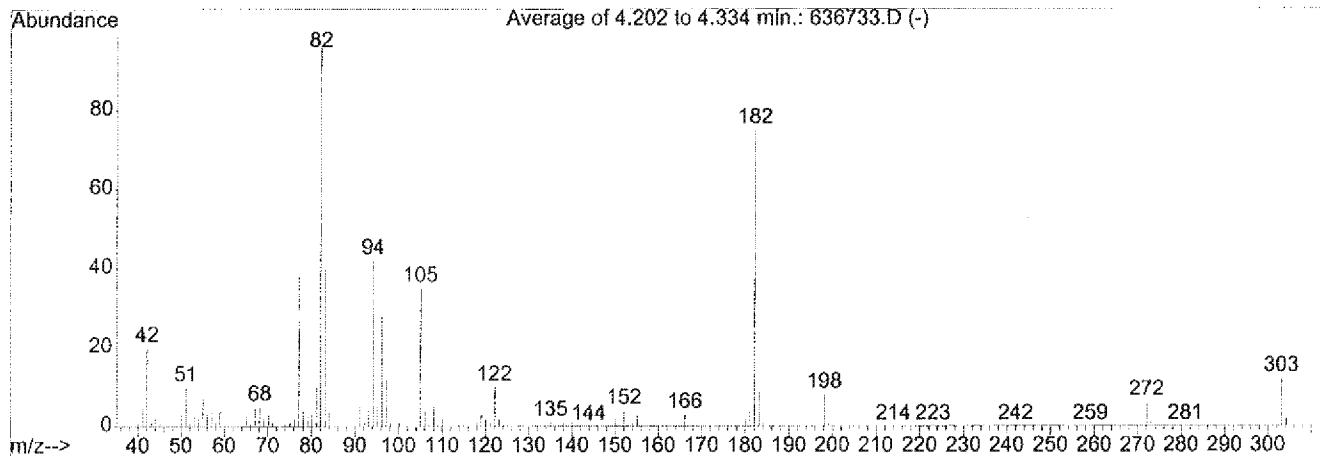
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636733.D
Operator : KAC
Date Acquired : 6 Jan 2009 21:32
Sample Name : XXXXXXXXXX
Submitted by : XXXXXXXXXX
Vial Number : 33
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	4.23	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



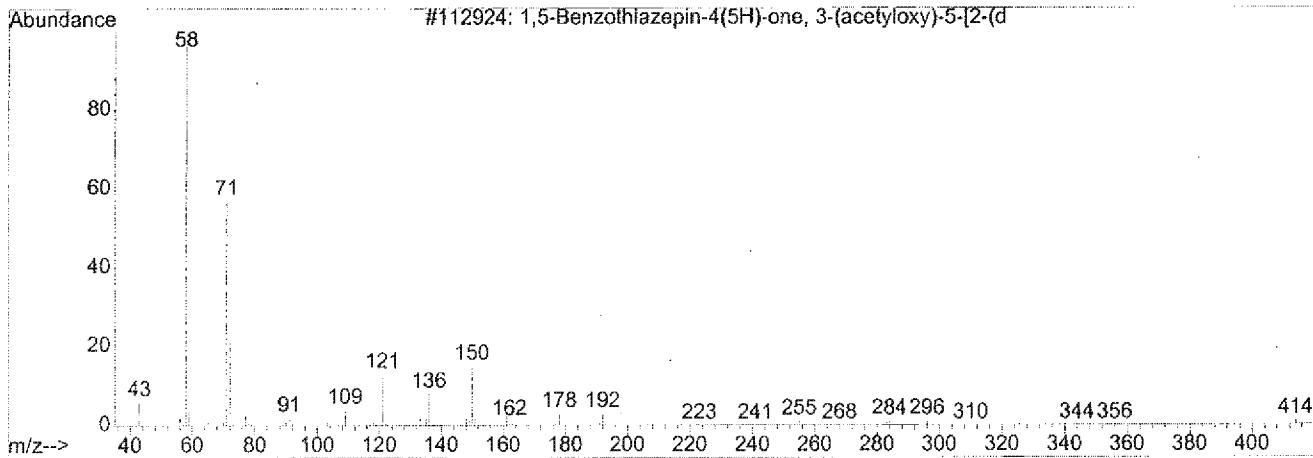
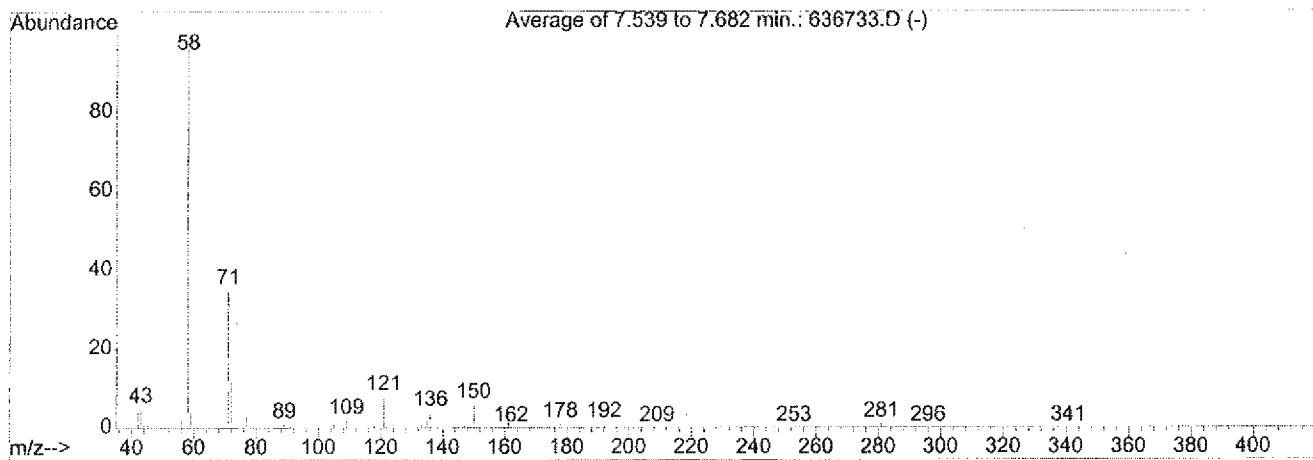
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636733.D
Operator : KAC
Date Acquired : 6 Jan 2009 21:32
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 33
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

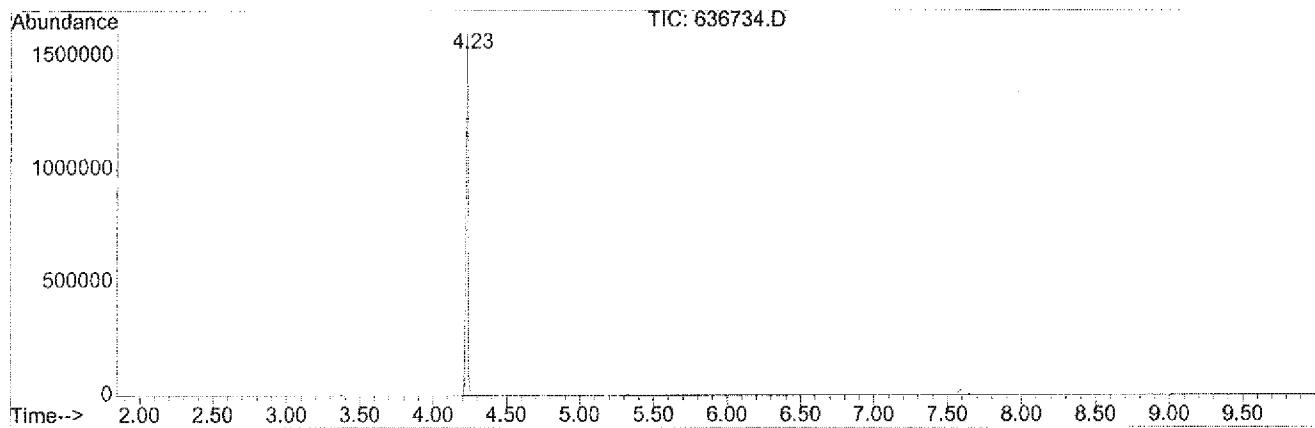
PK#	RT	Library/ID	CAS#	Qual
2	7.59	C:\DATABASE\NIST98.L		
		1,5-Benzothiazepin-4(5H)-one, 3-(ac	042399-41-7	78
		2-Pentadecanone	002345-28-0	59
		1,5-Benzothiazepin-4(5H)-one, 3-(ac	042399-41-7	52



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636734.D
Operator : KAC
Date Acquired : 6 Jan 2009 21:45
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 34
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.227	1528071	100.00	100.00

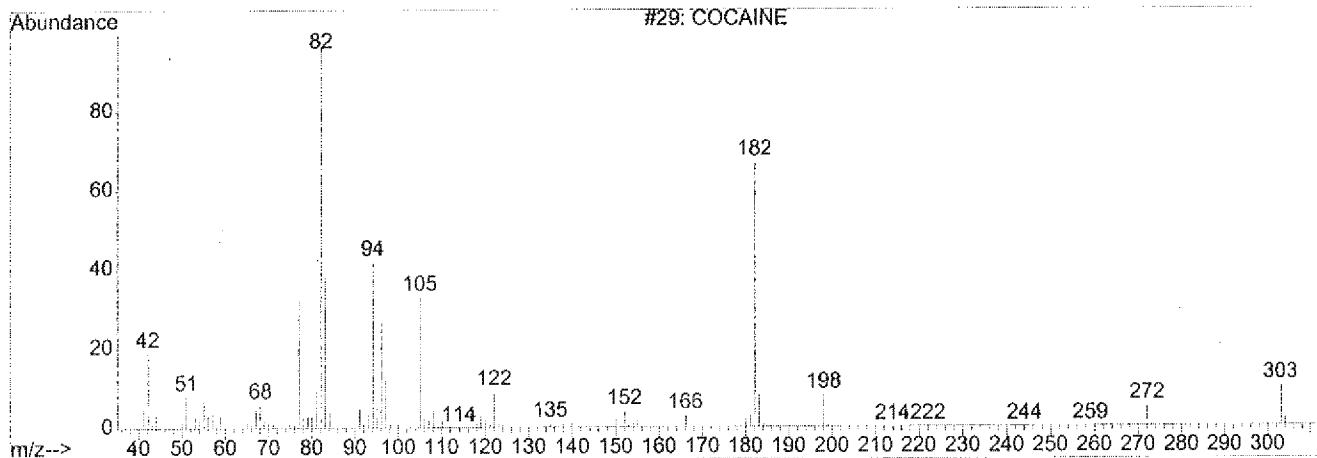
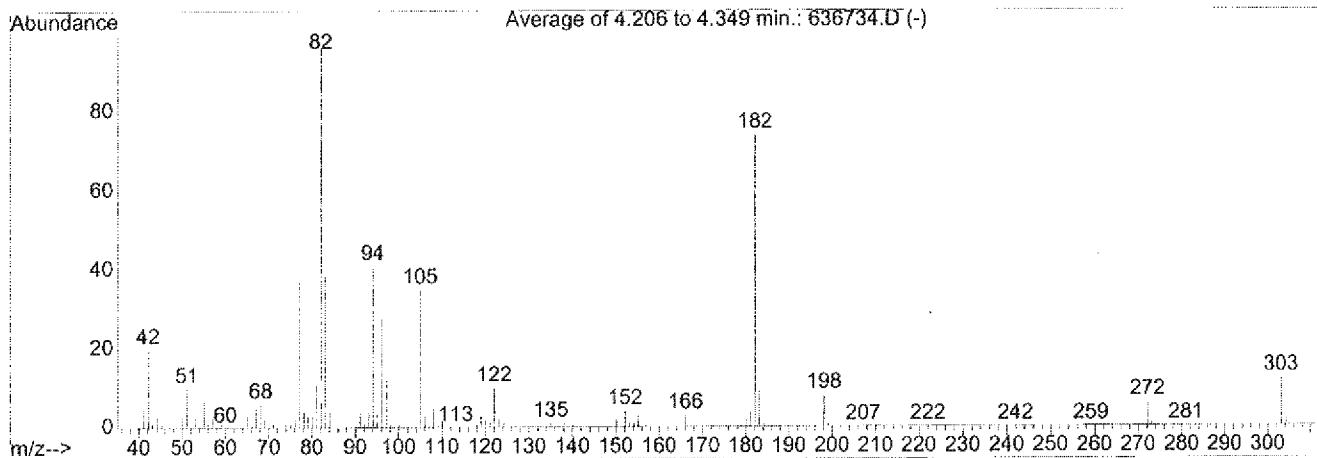
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636734.D
Operator : KAC
Date Acquired : 6 Jan 2009 21:45
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 34
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

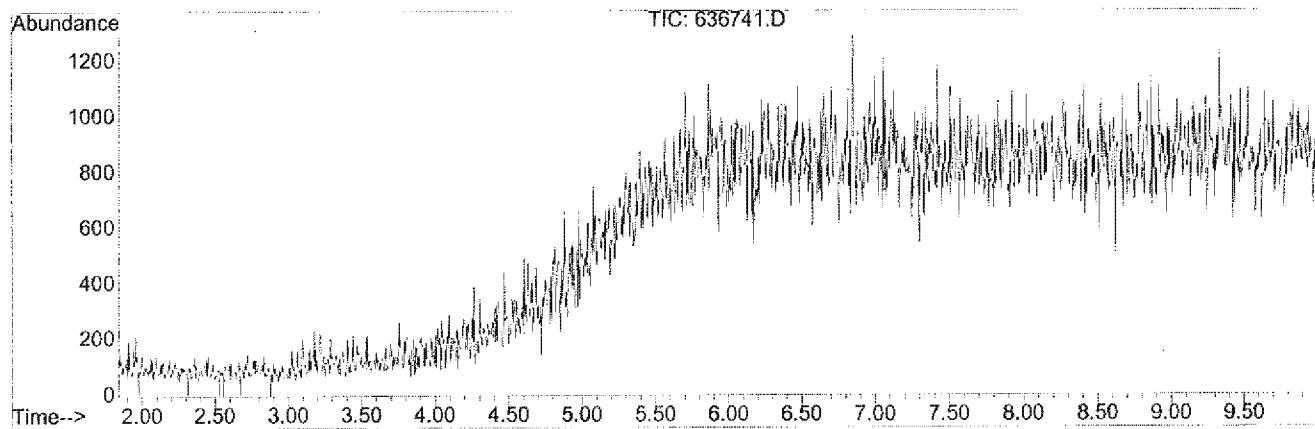
PK#	RT	Library/ID	CAS#	Qual
1	4.23	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636741.D
Operator : KAC
Date Acquired : 6 Jan 2009 23:22
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



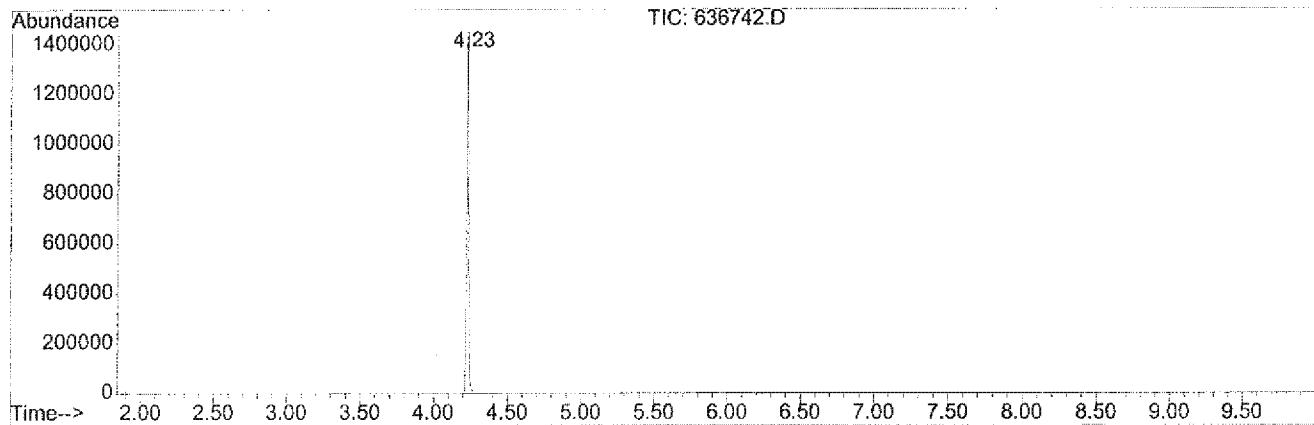
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636742.D
Operator : KAC
Date Acquired : 6 Jan 2009 23:35
Sample Name : COCAINE STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.229	1307030	100.00	100.00

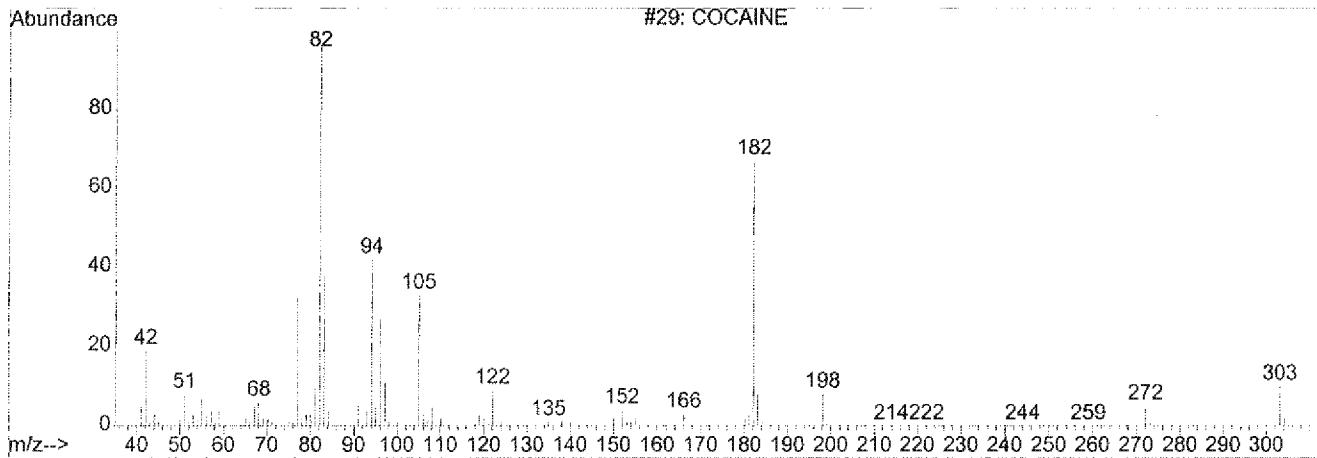
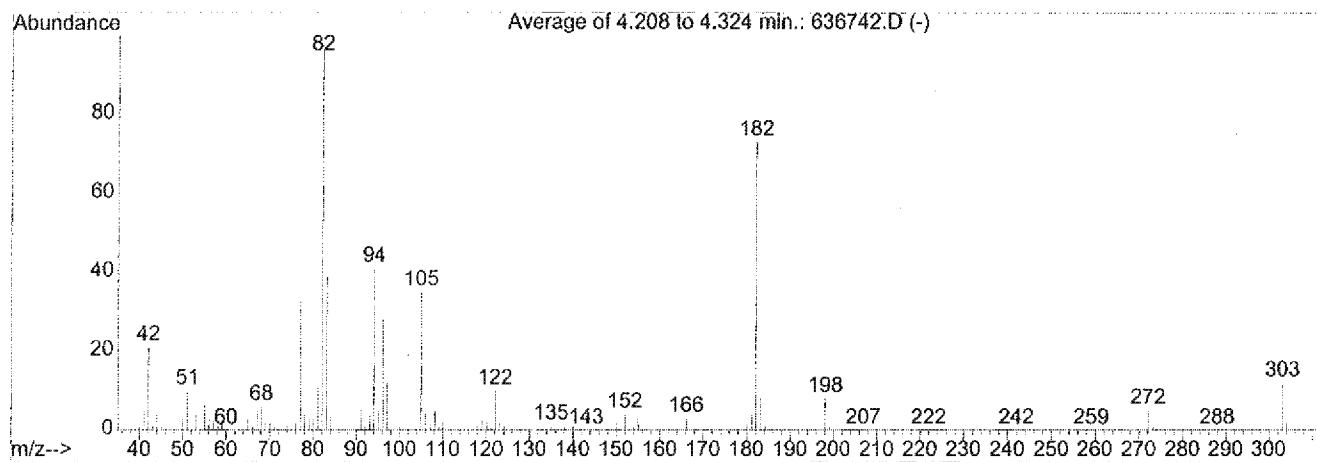
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2009\SYSTEM4\01_06_09\636742.D
Operator : KAC
Date Acquired : 6 Jan 2009 23:35
Sample Name : COCAINE STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

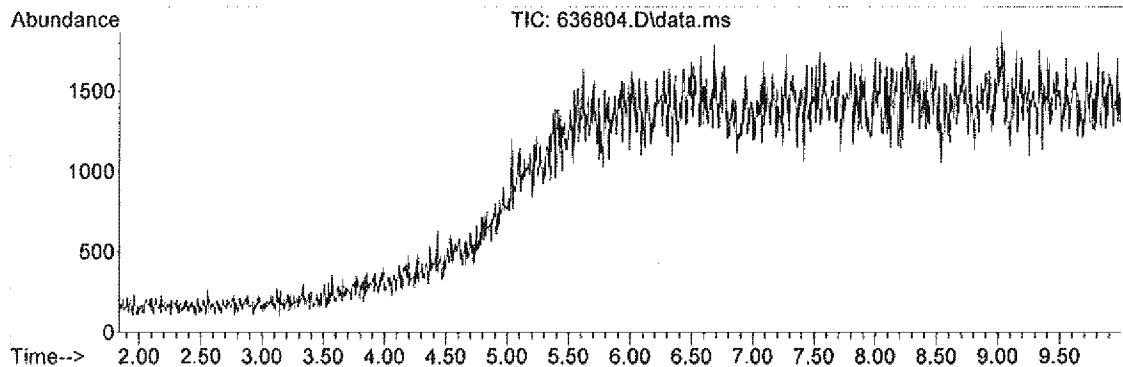
PK#	RT	Library/ID	CAS#	Qual
1	4.23	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



✓KAC
12/7/11

Information from Data File:

File Name : F:\Q1-2009\SYSTEM7\01_07_09\636804.D
Operator : KAC
Date Acquired : 7 Jan 2009 9:36
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

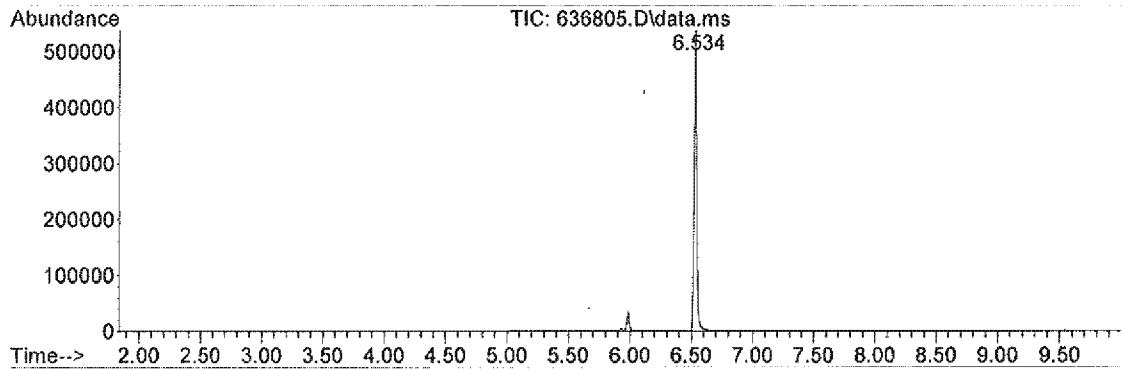


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q1-2009\SYSTEM7\01_07_09\636805.D
Operator : KAC
Date Acquired : 7 Jan 2009 9:48
Sample Name : HEROIN STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS.M
Integrator : RTE



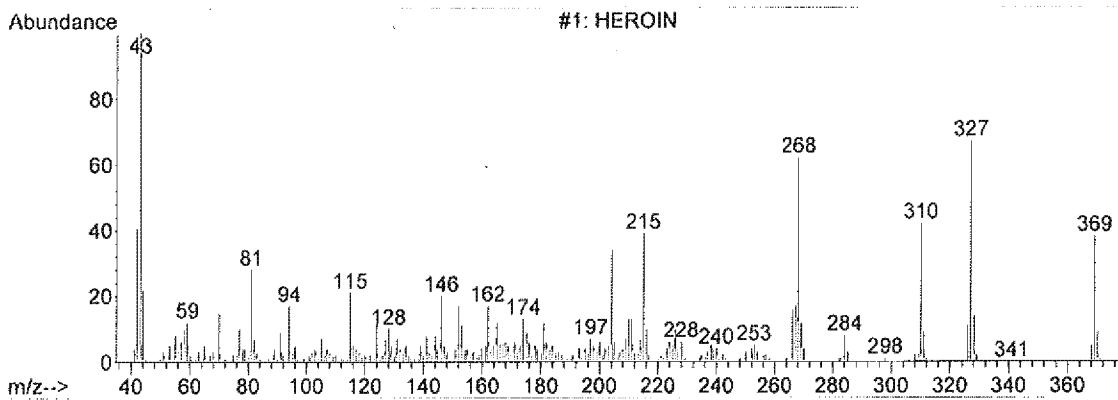
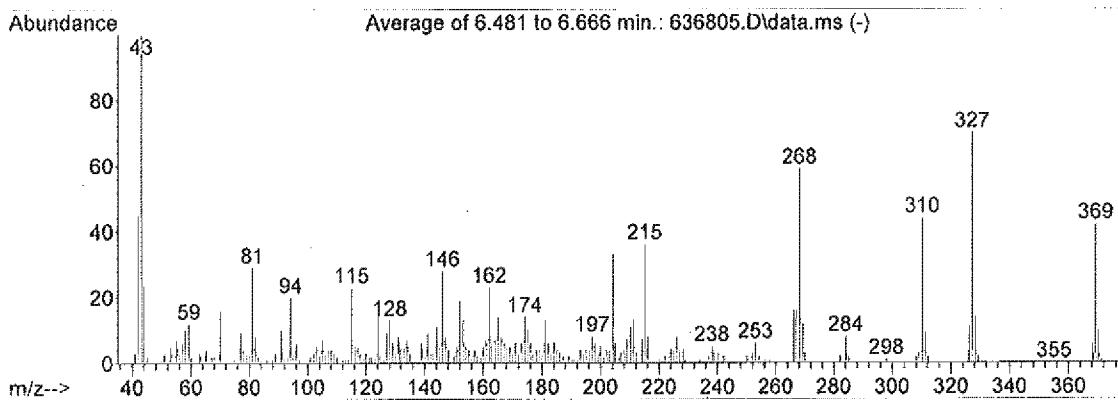
Ret. Time	Area	Area %	Ratio %
6.534	775957	100.00	100.00

Information from Data File:

File Name : F:\Q1-2009\SYSTEM7\01_07_09\636805.D
Operator : KAC
Date Acquired : 7 Jan 2009 9:48
Sample Name : HEROIN STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS.M
Integrator : RTE

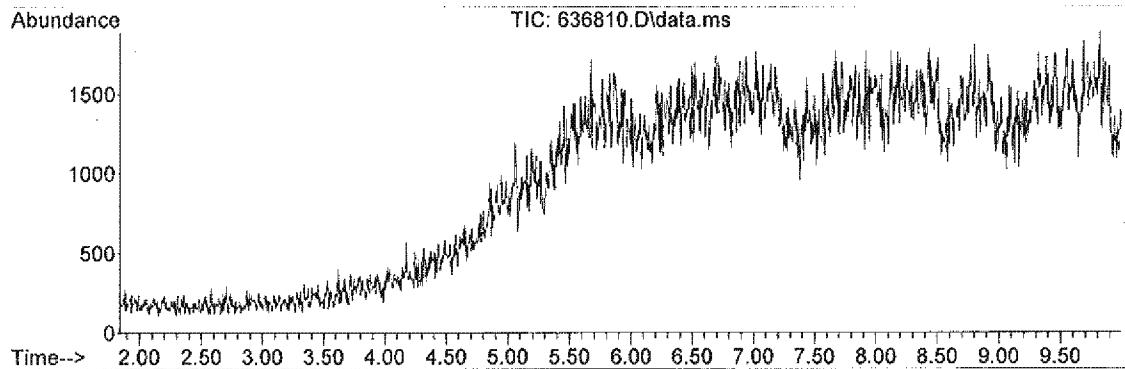
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.53	C:\Database\SLI.L		
		HEROIN	000561-27-3	99
		JWH-073	208987-48-8	4



Information from Data File:

File Name : F:\Q1-2009\SYSTEM7\01_07_09\636810.D
Operator : KAC
Date Acquired : 7 Jan 2009 10:53
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

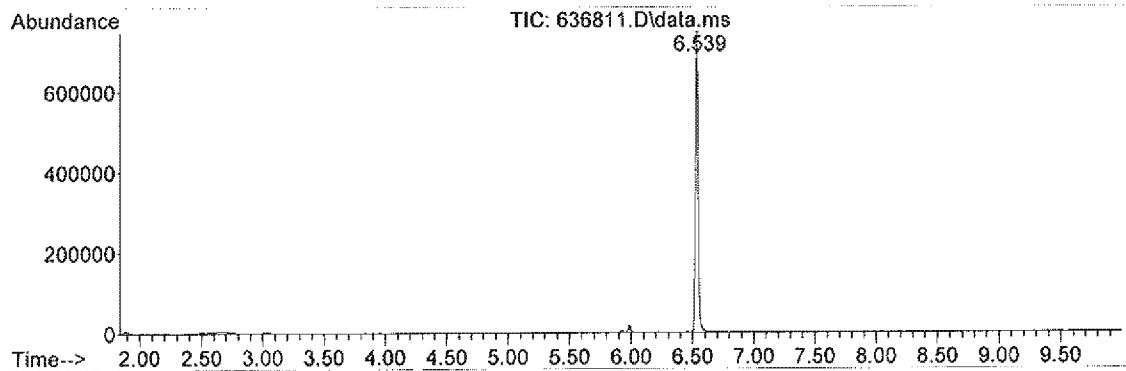


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q1-2009\SYSTEM7\01_07_09\636811.D
Operator : KAC
Date Acquired : 7 Jan 2009 11:05
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 11
AcquisitionMeth: DRUGS.M
Integrator : RTE



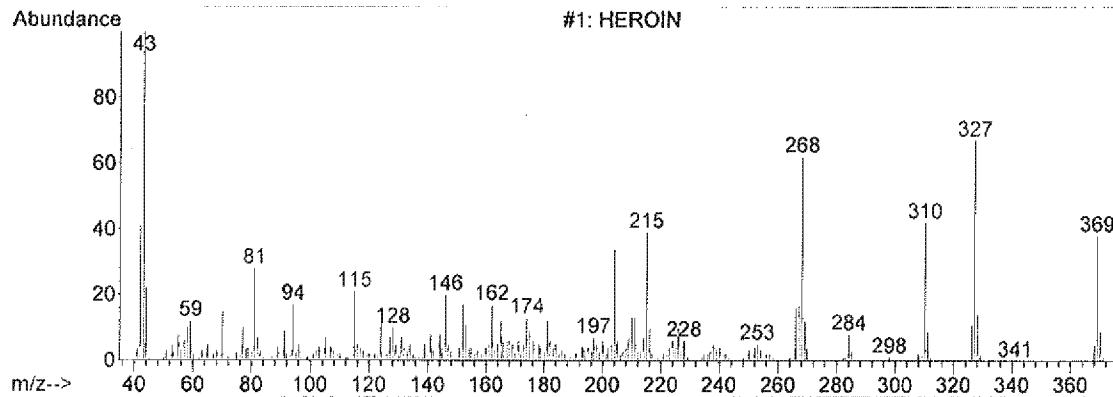
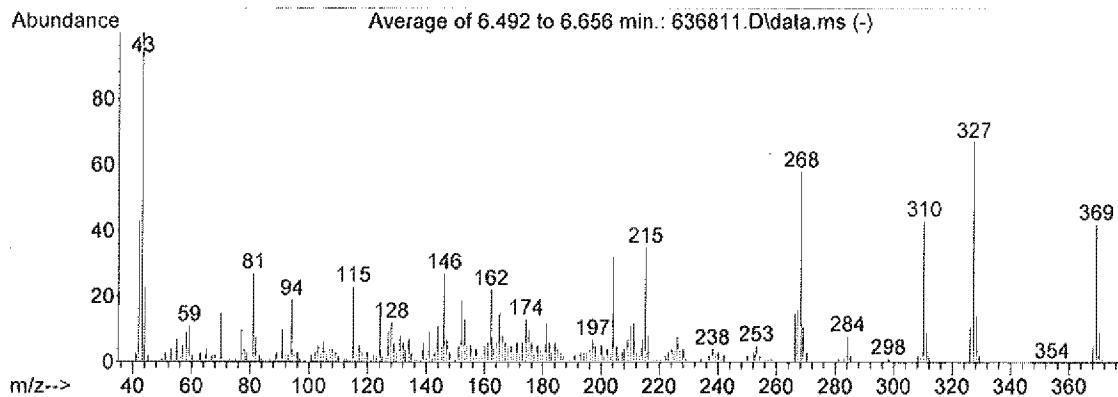
Ret. Time	Area	Area %	Ratio %
6.539	1105659	100.00	100.00

Information from Data File:

File Name : F:\Q1-2009\SYSTEM7\01_07_09\636811.D
Operator : KAC
Date Acquired : 7 Jan 2009 11:05
Sample Name : XXXXXXXXXX
Submitted by : XXXXXXXXXX
Vial Number : 11
AcquisitionMeth: DRUGS.M
Integrator : RTE

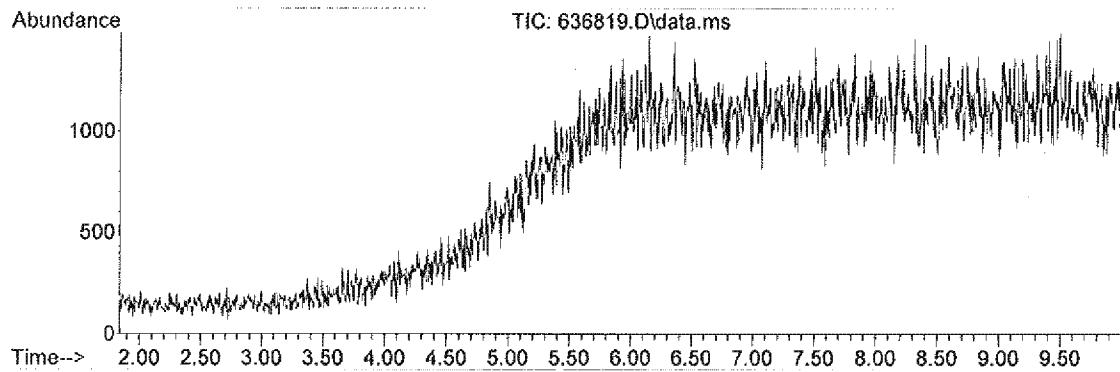
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.54	C:\Database\SLI.L HEROIN	000561-27-3	99



Information from Data File:

File Name : F:\Q1-2009\SYSTEM7\01_07_09\636819.D
Operator : KAC
Date Acquired : 7 Jan 2009 12:47
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

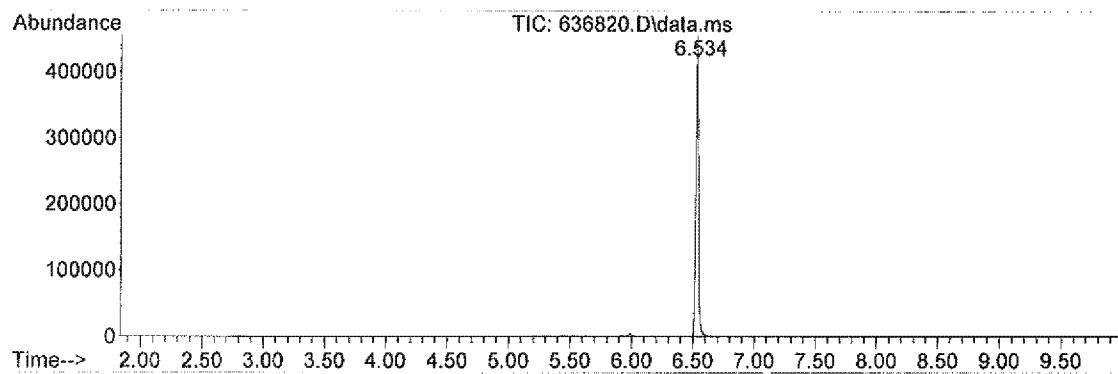


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q1-2009\SYSTEM7\01_07_09\636820.D
Operator : KAC
Date Acquired : 7 Jan 2009 13:00
Sample Name : HEROIN STD
Submitted by :
Vial Number : 20
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.534	652222	100.00	100.00

Information from Data File:

File Name : F:\Q1-2009\SYSTEM7\01_07_09\636820.D
Operator : KAC
Date Acquired : 7 Jan 2009 13:00
Sample Name : HEROIN STD
Submitted by :
Vial Number : 20
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.53	C:\Database\SLI.L HEROIN	000561-27-3	99

